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(54) Title: HIGHLY ACTIVE GLYCOPROTEINS-PROCESS CONDITIONS AND AN EFFICIENT METHOD FOR THEIR PRO-
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(57) Abstract: The present invention relates to highly active glycoproteins with specific sialylation degrees, a pharmaceutical com-
position for use in diagnosis or therapy comprising the glycoproteins, a method for the determination of highly active glycoproteins
and of the conditions for their production, a method for producing the highly active glycoproteins, and a method for differential sia-
lylation of secretory glycoproteins. The invention also relates to the use of the recombinantly expressed highly active glycoproteins
for biological purposes and for prophylactic and/or therapeutic treatment or diagnosis of diseases, particularly bone marrow trans-
plantation, neutropenia, cytopenia, AML and myelodysplastic syndromes, cancer, HIV and/or diseases of hematopoietic systems.



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